

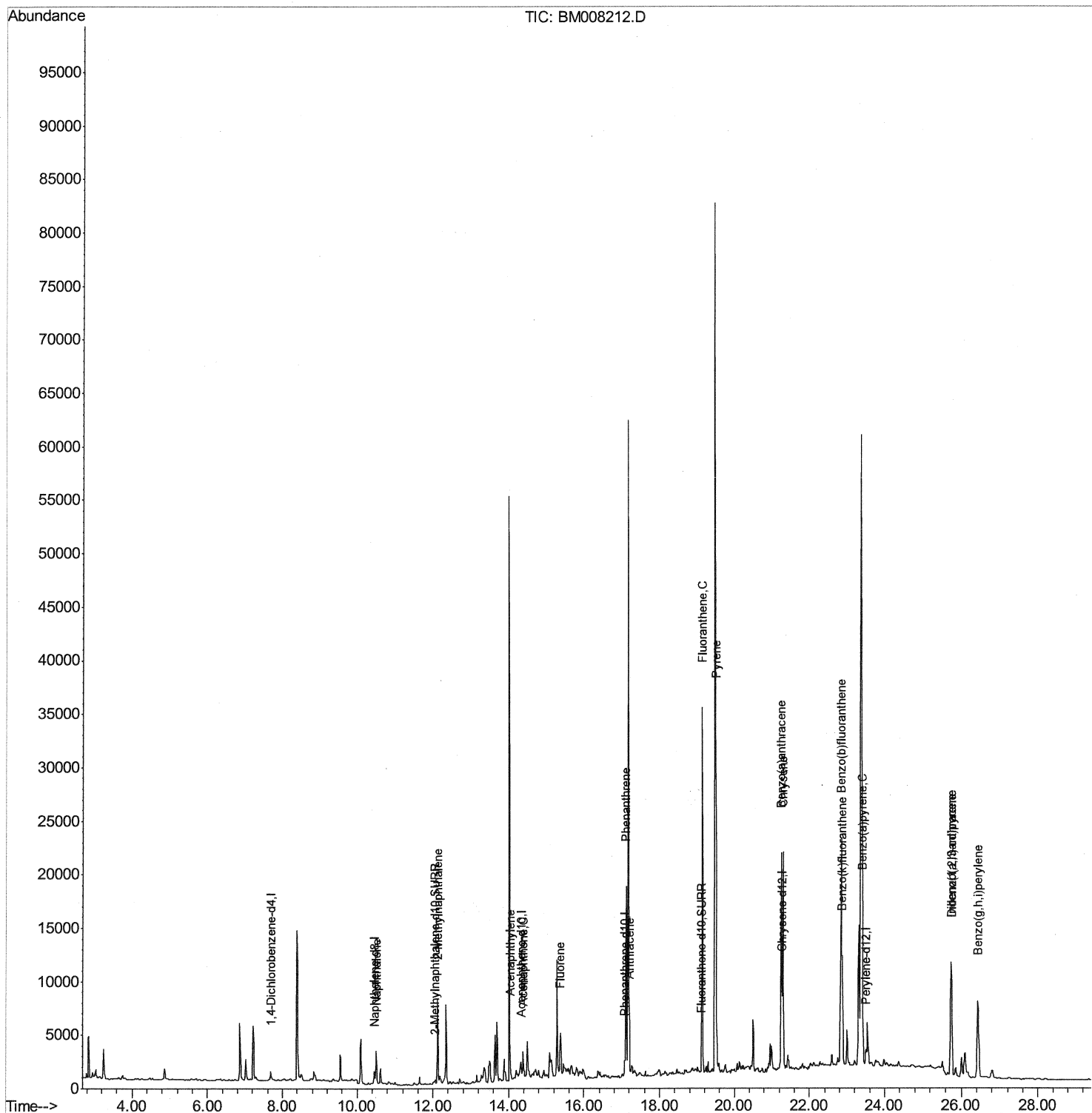
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 03:53:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



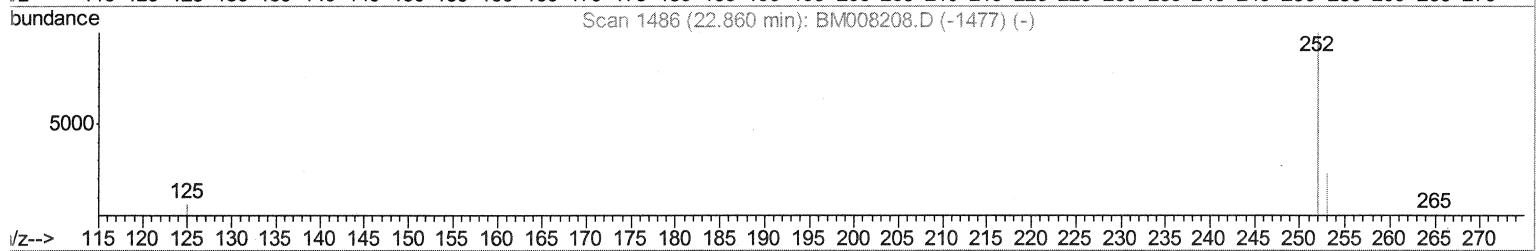
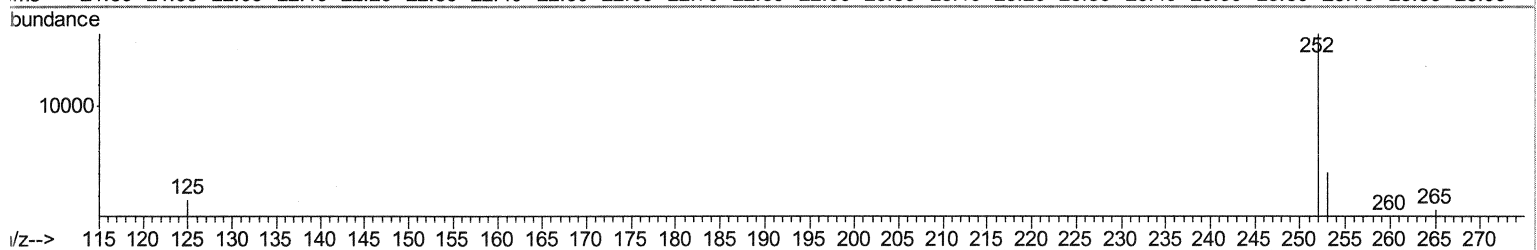
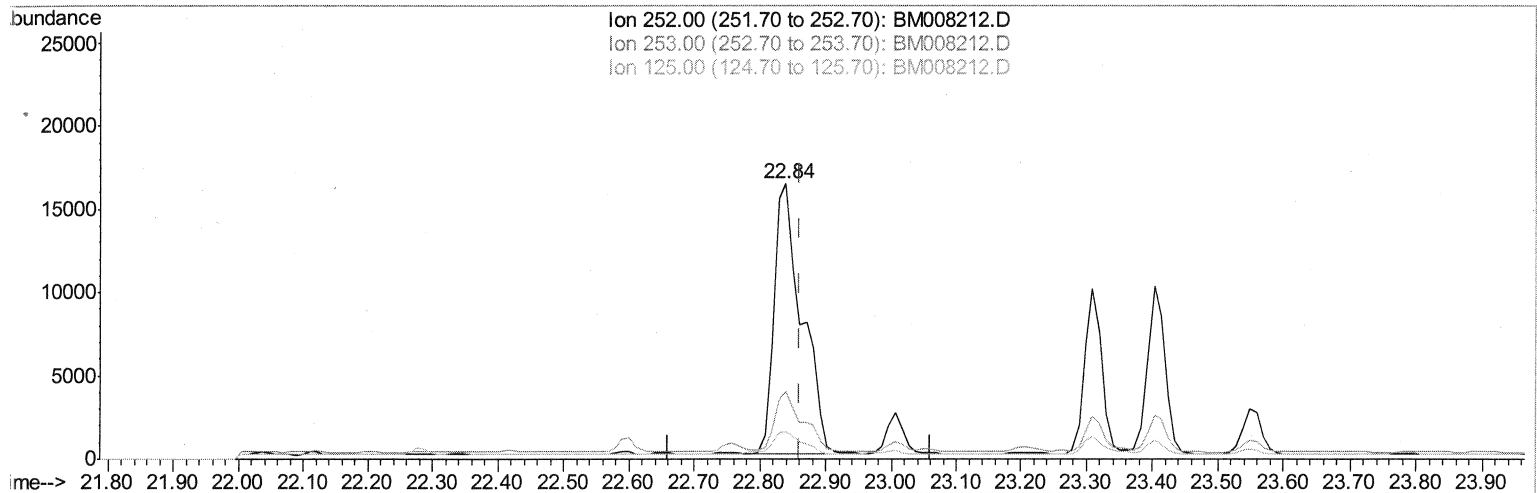
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 00:45:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



TIC: BM008212.D

(21) Benzo(b)fluoranthene

22.840min (-0.021) 6.82ng/ul

response 47142

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.62
125.00	17.50	10.04
0.00	0.00	0.00

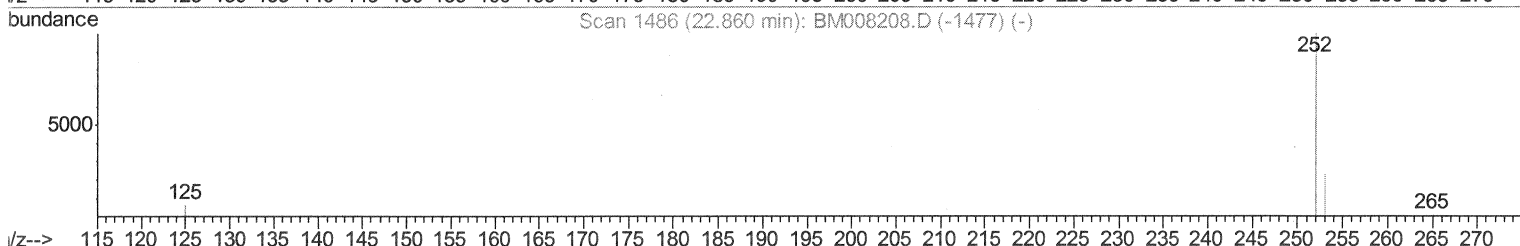
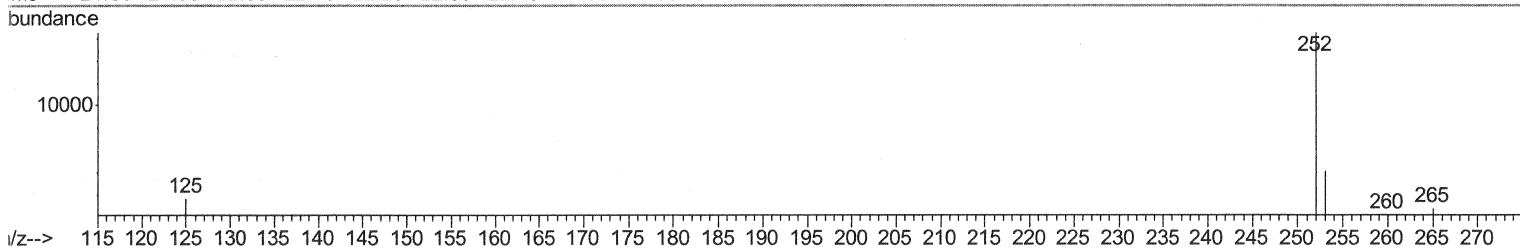
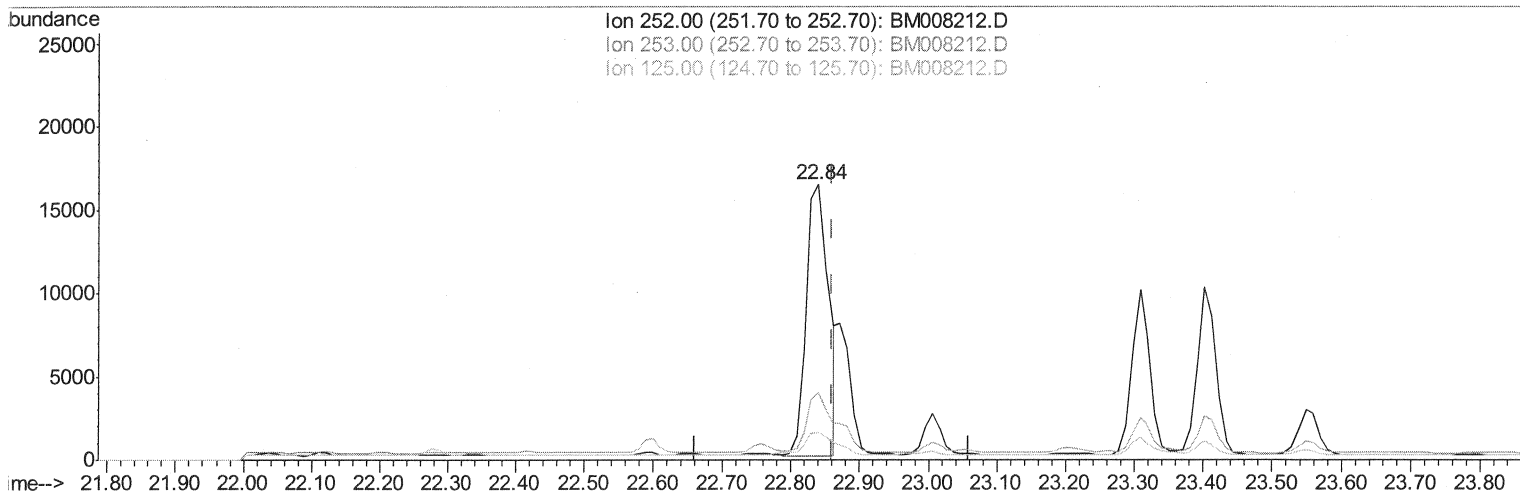
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 00:45:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



TIC: BM008212.D

(21) Benzo(b)fluoranthene

22.840min (-0.021) 5.30ng/ul m

SJ 12/12/16

response 36608

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	24.62
125.00	17.50	10.04
0.00	0.00	0.00

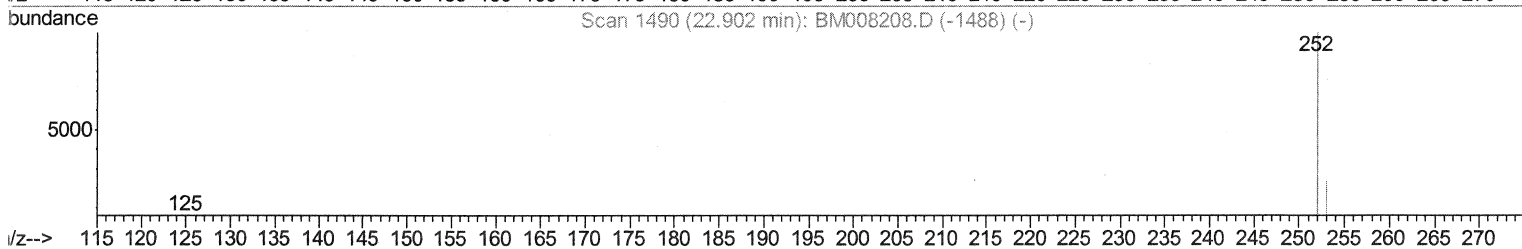
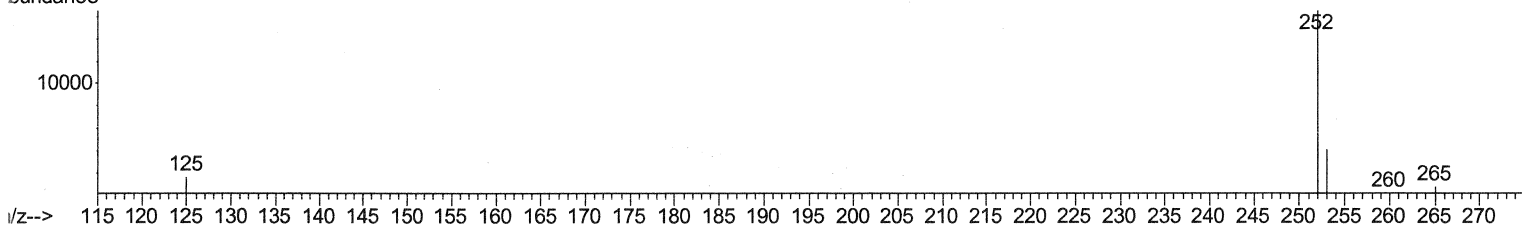
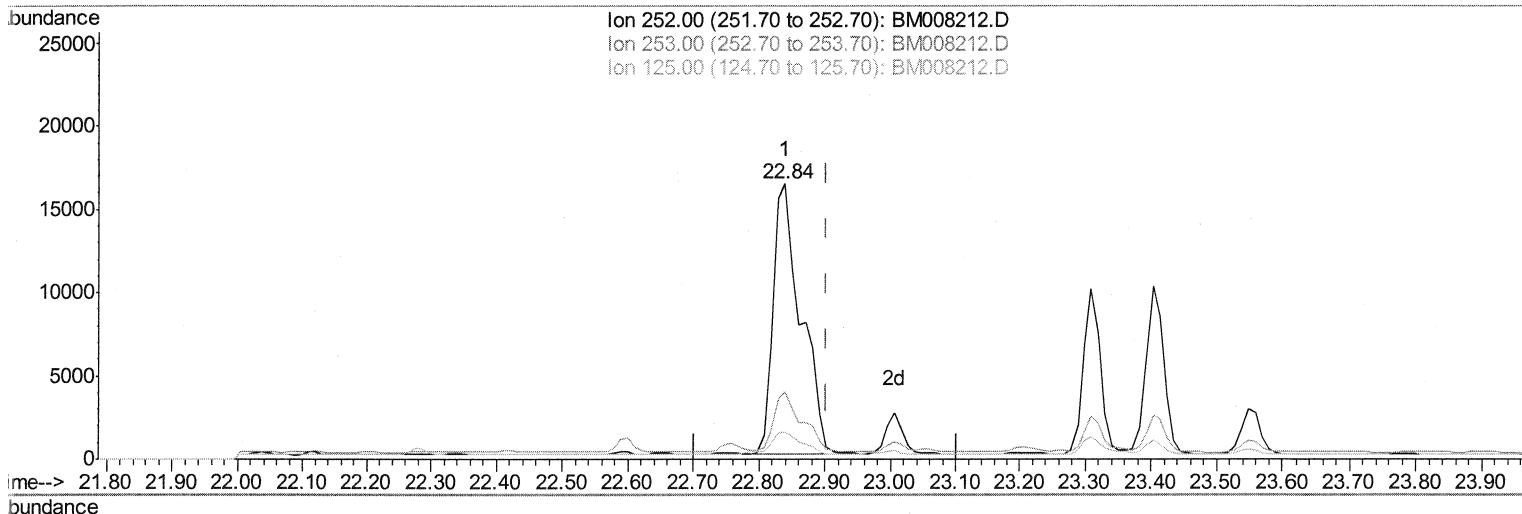
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 00:45:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



TIC: BM008212.D

(22) Benzo(k)fluoranthene

22.840min (-0.063) 6.61ng/ul

response 47142

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.62
125.00	17.10	10.04#
0.00	0.00	0.00

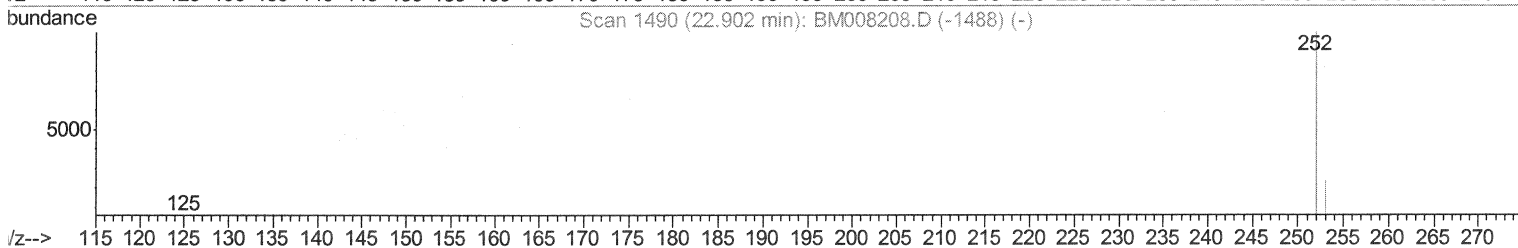
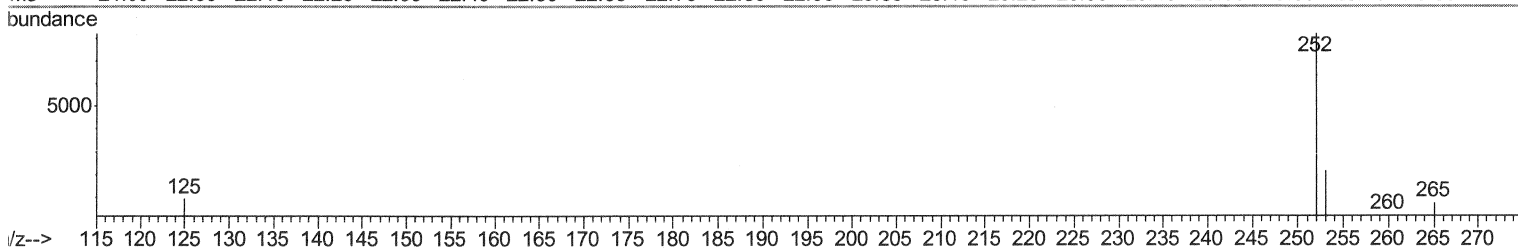
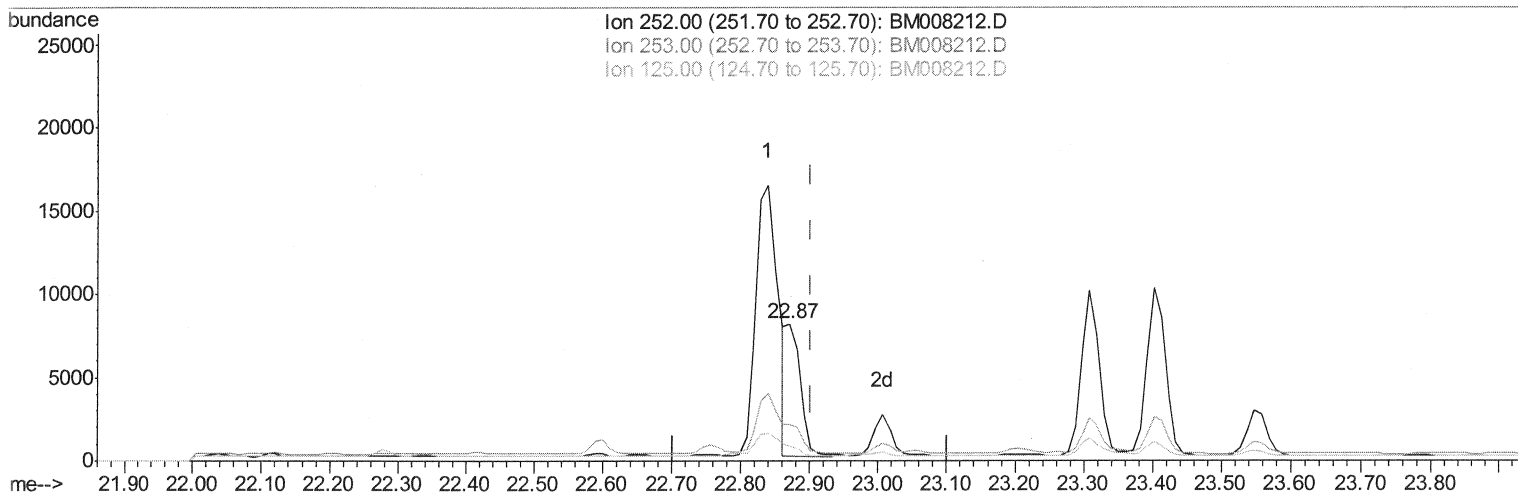
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 00:45:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



TIC: BM008212.D

(22) Benzo(k)fluoranthene

22.871min (-0.031) 1.57ng/ul m

SJ 12/12/16

response 11203

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.35
125.00	17.10	11.24#
0.00	0.00	0.00

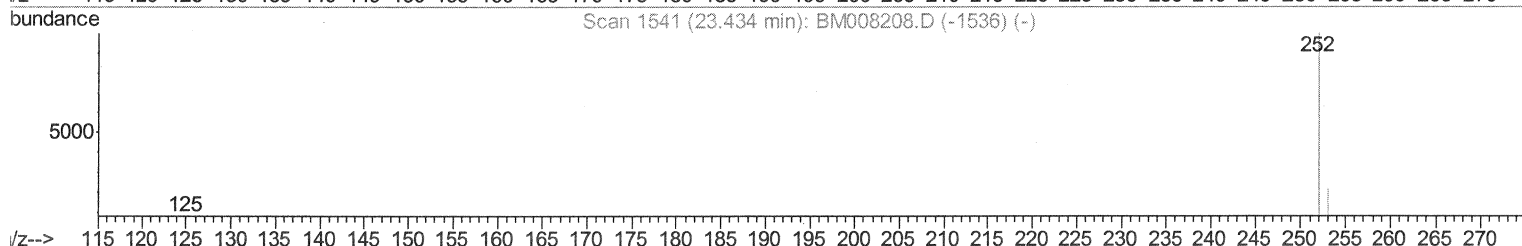
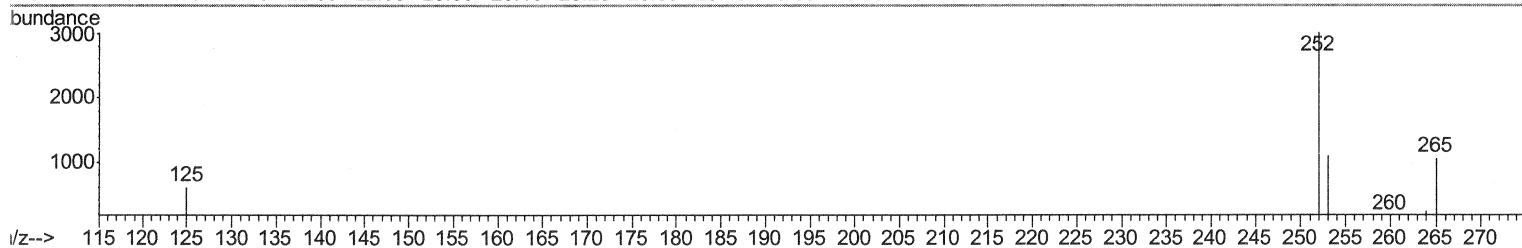
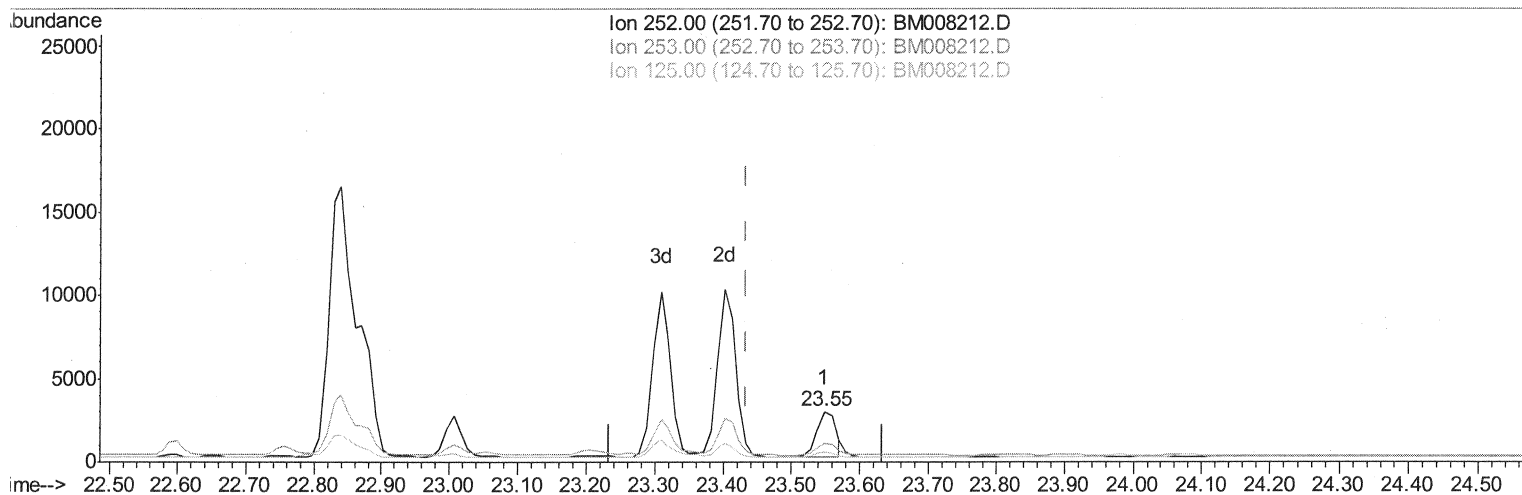
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 00:45:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



TIC: BM008212.D

(23) Benzo(a)pyrene (C)

23.548min (+0.115) 0.80ng/ul

response 5167

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.39
125.00	22.60	20.02
0.00	0.00	0.00

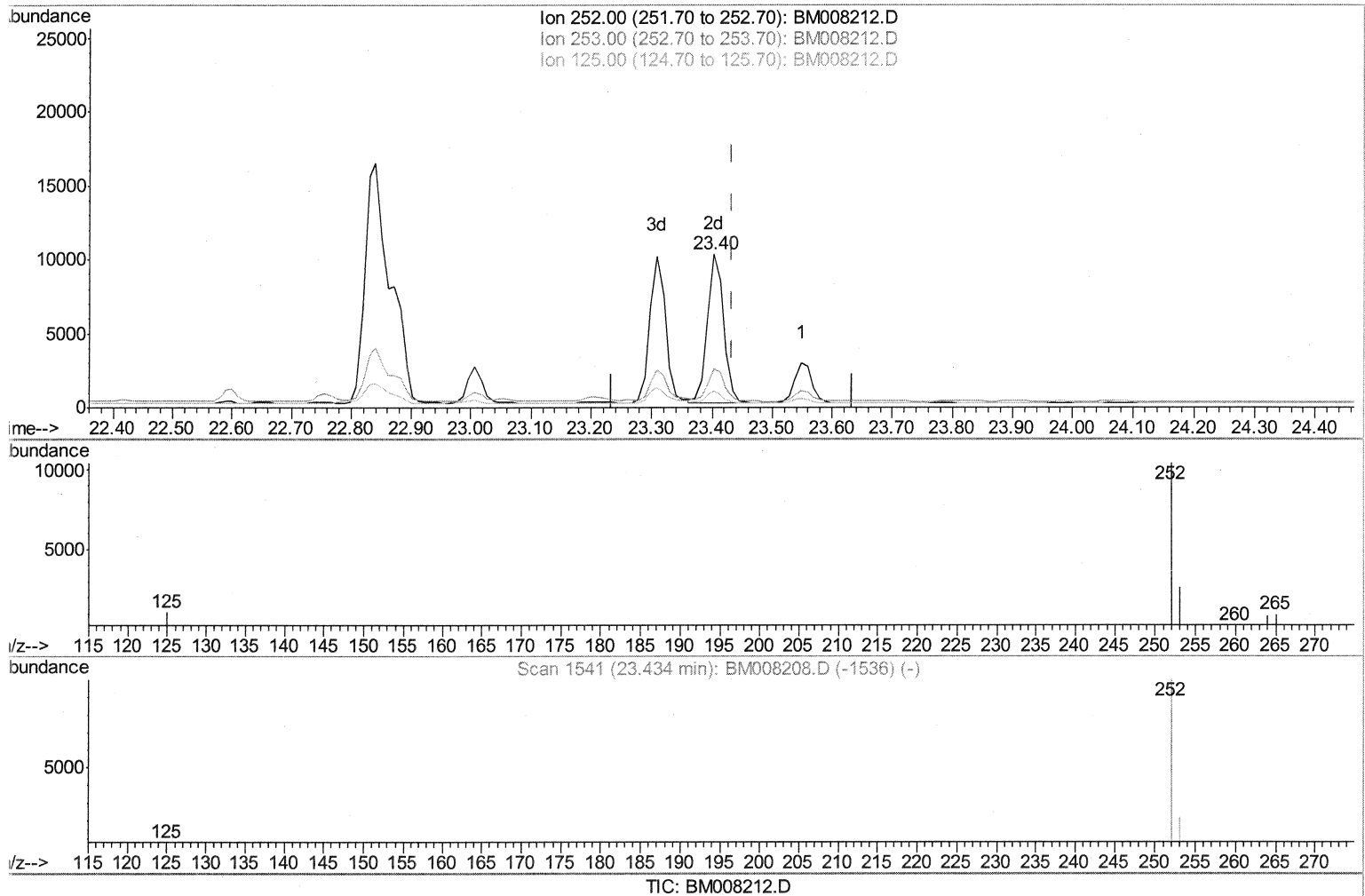
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008212.D
Acq On : 09 Dec 2016 19:16
Operator : UM/SJ
Sample : H5863-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:26 PM

Quant Time: Dec 10 00:45:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.402min (-0.031) 2.96ng/ul m

SJ 12/12/16

response 19192

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.23#
125.00	22.60	10.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

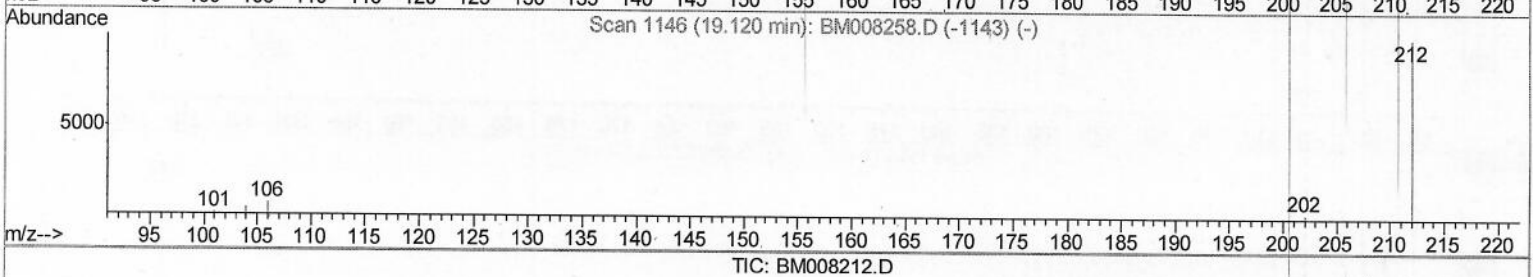
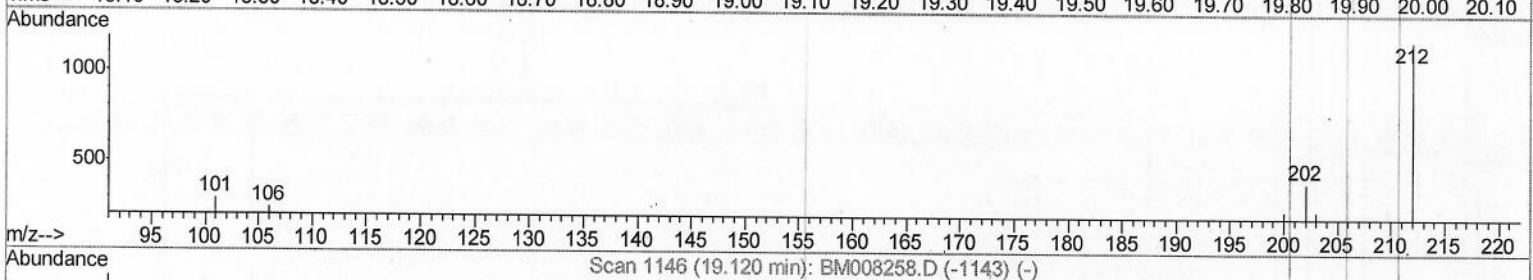
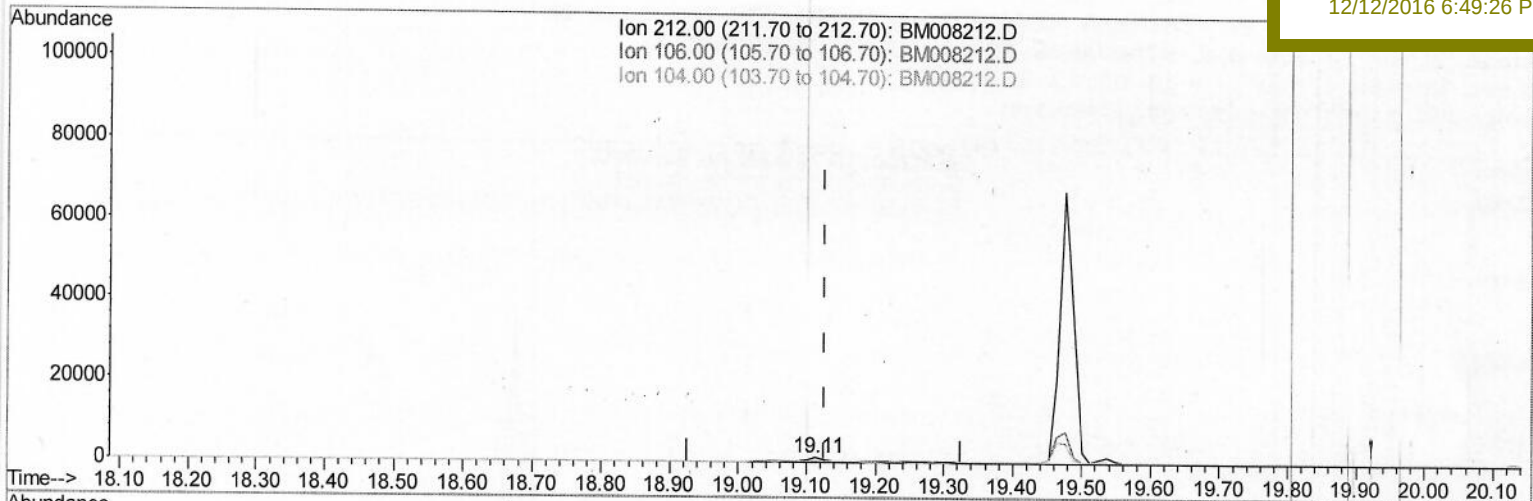
Data Path : Z:\HPCHEM1\BNA M\Data\BM120916\
 Data File : BM008212.D
 Acq On : 09 Dec 2016 19:16
 Operator : UM/SJ
 Sample : H5863-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 12 00:02:53 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 00:42:03 2016
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y6

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:49:26 PM



(14) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.33ng/ul m

response 1656

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	60.51#
104.00	15.60	88.83#
0.00	0.00	0.00

SJ 12/12/16

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
 Data File : BM008212.D
 Acq On : 09 Dec 2016 19:16
 Operator : UM/SJ
 Sample : H5863-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y6

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:49:26 PM

Quant Time: Dec 12 00:02:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 00:42:03 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	514	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.464	136	1652	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.331	164	1041	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.073	188	1783	0.40	ng/ul	-0.02
16) Chrysene-d12	21.276	240	1870	0.40	ng/ul	-0.01
20) Perylene-d12	23.507	264	1732	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.059	152	553	0.24	ng/ul	-0.04
14) Fluoranthene-d10	19.113	212	1656m	0.33	ng/ul	-0.01
Target Compounds						
						Qvalue
3) Naphthalene	10.512	128	4499	0.97	ng/ul	98
5) 2-Methylnaphthalene	12.132	142	6082	2.04	ng/ul	97
7) Acenaphthylene	14.040	152	2827	0.60	ng/ul#	91
8) Acenaphthene	14.383	153	1442	0.40	ng/ul	100
9) Fluorene	15.376	166	3160	0.77	ng/ul#	81
12) Phenanthrene	17.107	178	20400	3.67	ng/ul	97
13) Anthracene	17.210	178	6312	1.21	ng/ul	96
15) Fluoranthene	19.137	202	32535	4.54	ng/ul	94
17) Pyrene	19.501	202	30152	4.64	ng/ul	98
18) Benzo(a)anthracene	21.255	228	18628	3.25	ng/ul	98
19) Chrysene	21.307	228	20403	2.86	ng/ul	97
21) Benzo(b)fluoranthene	22.840	252	36608m	5.30	ng/ul	} SJ 12/12/16
22) Benzo(k)fluoranthene	22.871	252	11203m	1.57	ng/ul	
23) Benzo(a)pyrene	23.402	252	19192m	2.96	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.748	276	17844	2.23	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.748	278	5136	0.80	ng/ul	93
26) Benzo(g,h,i)perylene	26.436	276	15931	2.24	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SOM-EPA-SIM-BM112116.M Mon Dec 12 17:43:37 2016

Quantitation Report (Qedit)

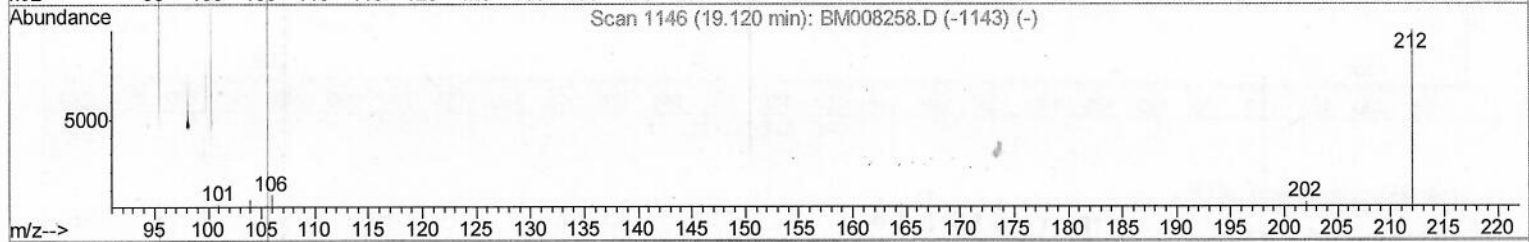
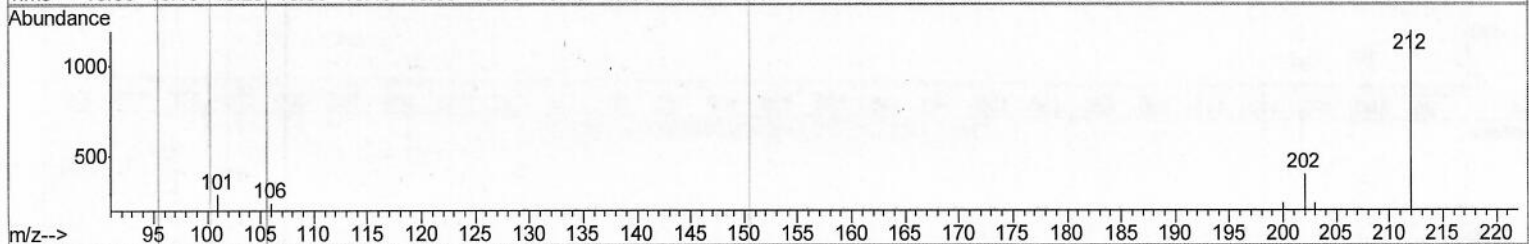
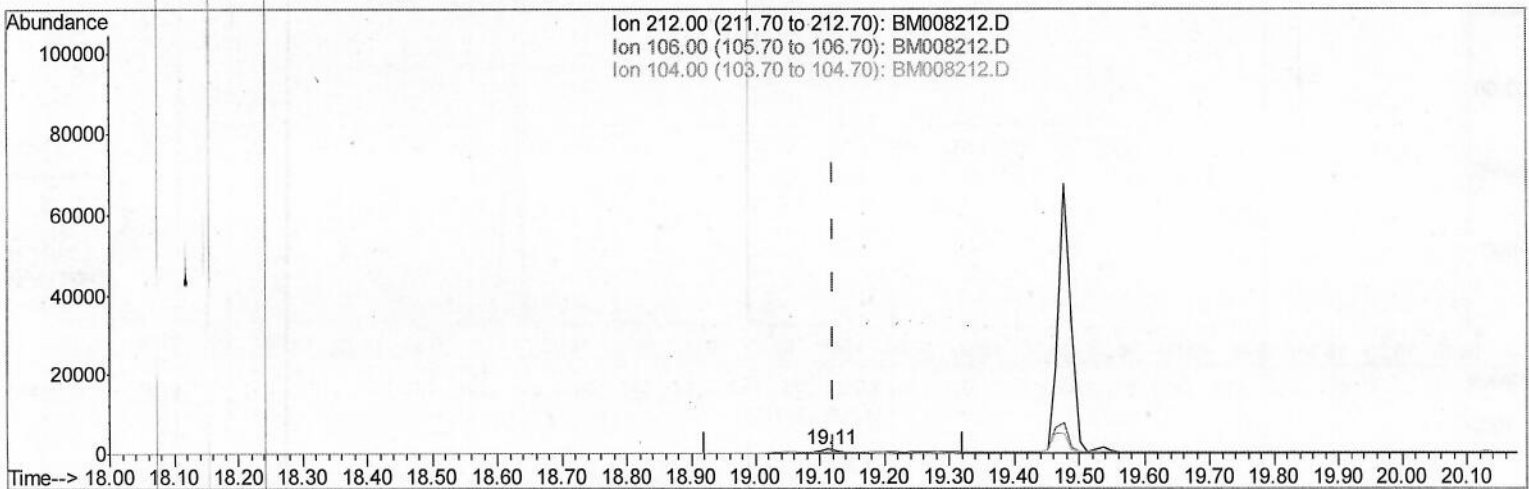
Data Path : Z:\HPCHEM1\BNA M\Data\BM120916\
 Data File : BM008212.D
 Acq On : 09 Dec 2016 19:16
 Operator : UM/SJ
 Sample : H5863-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y6

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:49:26 PM

Quant Time: Dec 16 05:52:07 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration



TIC: BM008212.D

(14) Fluoranthene-d10 (SURR)

19.113min (-0.007) 0.83ng/ul

response 4202

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	23.85#
104.00	15.60	35.01#
0.00	0.00	0.00